ECSL-0601A-D

Electronic Combination Controller

User's manual

SecuRAM™

FEATURES:

1. Four Codes Capacity

a. **Super Code:** Reset lock back to manufacturer default status.

b. **Master Code:** Open lock, set lock functions, and manage manager. Manufacturer default code 1-2-3-4-5-6

c. **Manager Code:** Open lock and manage user. No default setting and end-user need to set code before operating lock.

d. **User Code:** Open lock. No default setting and end-user need to set code before operating lock

2. Wrong Entry Penalty

Entry of four (4) consecutive invalid codes results in a 5-minute delay period.

i. The unit beeps at 5 second intervals.

ii. During delay period, removing batteries, the controller stops counting time; reinstalling batteries, the entrypad continues to count down until 5 minutes delay period finishes.

3. Standby Status

The controller will turn into a standby status with a long beep sound if there is no operation in 10 seconds after the system is activated.

4. Automatic Re-lock

The controller will re-lock in 4 seconds after a valid entry is made and the door is open.

5. Low Battery Alert

a. Controller repeated beeping during an unlocking indicates that the battery is low and needs immediate replacement.

b. Manufacturer recommends the use of 9-Volt premier alkaline batteries and an annual maintenance replacement of the batteries.

6. Single and Dual User Mode

a. **Single Mode:** Open lock with one (1) code (manager or user code).

b. **Dual Mode:** Open lock with two (2) codes (manager and user code).

7. Time Delay and Time Window

a. **Time Delay:** A time period waiting for opening lock. The maximum Time Delay is forty (40) minutes.

b. **Time Window**: A time period for entering code (s) to open lock after Time Delay. The maximum Time Window is twenty (20) minutes.

USER OPERATING INSTRUCTIONS

1. *ALWAYS PERFORM THIS OPERATION WITH THE CONTROLLER OPEN.*

2. *Before closing the door, make sure all the changes are correct.*

QUICK START

1. Change Master Code

a. Enter "0" six times. One Beep sounds, which indicates the entry is valid and the system is waiting for code changing.

b. Enter the default master code 1-2-3-4-5-6 once. One Beep sounds, which indicates the entry is valid.

c. Enter a new six (6) digits code once. One Beep sounds, which indicates the entry is valid.

d. Re-enter the new six (6) digits code. One Beep sounds, which indicates the codes entered in steps c and d are the same and the code changing process is successful.

e. If Two Beeps sound, the changing process fails. The existing code is still valid. Repeat steps a to d.

f. Record the new master code.

2. Add Manager

a. Enter the master code and Hold Down Last Digit of Code until One Beep and then Double Beeps sound.

b. Push button "1", One Beep sounds, which prompts to enter a code for manager.

c. Enter a desired six (6) digits code once. One Beep sounds, which indicates the entry is valid.

d. Re-enter the six (6) digits code. One Beep sounds, which indicates the codes entered in steps c and d are the same and the adding manager process is successful.

e. If Two Beeps sound, the process fails. Repeat steps a to d.

Note:

a. *Verify the new manager code at least 3 times before closing the door to make sure the code is correct.*

b. *Operations between adjacent steps need be completed in 10 seconds. Otherwise, the lock system sets back to standby status.*

3. Add User

a.   Enter the manager code and Hold Down Last Digit of Code until One Beep and then Double Beeps sound.

b.   Push button "1", One Beep sounds, which prompts to enter a code for user.

c.   Enter a desired six (6) digits code once. One Beep sounds, which indicates the entry is valid.

d.   Re-enter the six (6) digits code. One Beep sounds, which indicates the codes entered in steps c and d are the same and the adding user process is successful.

e.   If Two Beeps sound, the process fails. Repeat steps a to d.

Note:

a.   *Verify the new user code at least 3 times before closing the door to make sure the code is correct.*

b.   *Operations between adjacent steps need be completed in 10 seconds. Otherwise, the lock system sets back to standby status.*

4. Open Lock (Single User Mode)

a.   Enter user or manager code.

b.   The lock signals One Beep and opens.

5. Change Manager or User Code

a.   Enter "0" six times. One Beep sounds, which indicates the entry is valid and the system is waiting for code changing.

b. Enter the existing six (6) digits manager or ser code once. One Beep sounds, which indicates the entry is valid.

c. Enter a new six (6) digits code once. One Beep sounds, which indicates the entry is valid.

d. Re-enter the new six (6) digits code. One Beep sounds, which indicates the codes entered in steps c and d are the same and the code changing process is successful.

e. If Two Beeps sound, the changing process fails. The existing code is still valid. Repeat steps a to d.

Note:

a. *Verify the new code at least 3 times before closing the door to make sure the code is correct.*

b. *Operations between adjacent steps need be completed in 10 seconds. Otherwise, the lock system sets back to standby status.*

6. Disable Manager

a. Enter the master code and Hold Down Last Digit of Code until One Beep and then Double Beeps sound.

b. Push button "2", Double Beeps sound, the disabling manager is successful.

c. Enter the disabled manager code to make sure the code is disabled.

7. Enable Manager

a.　Enter the master code and Hold Down Last Digit of Code until One Beep and then Double Beeps sound.

b.　Push button "1", Double Beeps sound, the enabling manager is successful.

Note:

a.　Verify the enabled code at least 3 times before closing the door to make sure the code is correct.

b.　Operations between adjacent steps need be completed in 10 seconds. Otherwise, the lock system sets back to standby status.

8. Delete Manager

a.　Enter the master code and Hold Down Last Digit of Code until One Beep and then Double Beeps sound.

b.　Push button "3", Double Beeps sound, the deleting manager is successful.

c.　Enter the deleted manager code to make sure the code is deleted.

9. Disable User

a.　Enter the manager code and Hold Down Last Digit of Code until One Beep and then Double Beeps sound.

b.　Push button "2", Double Beeps sound, the disabling user is successful.

c.　Enter the disabled user code to make sure the code is disabled.

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10. Enable User

    a.   Enter the manager code and Hold Down Last Digit of Code until One Beep and then Double Beeps sound.

    b.   Push button "1", Double Beeps sound, the enabling user is successful.

Note:

    a.   Verify the enabled code at least 3 times before closing the door to make sure the code is correct.

    b.   Operations between adjacent steps need be completed in 10 seconds. Otherwise, the lock system sets back to standby status.

11. Delete User

    a.   Enter the master code and Hold Down Last Digit of Code until One Beep and then Double Beeps sound.

    b.   Push button "3", Double Beeps sound, the deleting user is successful.

    c.   Enter the deleted user code to make sure the code is deleted.

12. Set Single User Mode (Manager or User Code to Unlock)

    a.   Enter the master code and Hold Down Last Digit of Code until One Beep and then Double Beeps sound.

    b.   Push button "0" to set the lock to single user mode.

13. Set Dual User Mode (Manager & User Code to Unlock)

a. Enter the master code and Hold Down Last Digit of Code until One Beep and then Double Beeps sound.

b. Push button "8" to set the lock to dual user mode.

14. Set Time Delay & Time Window Mode

a. Enter the master code and Hold Down Last Digit of Code until One Beep and then Double Beeps sound.

b. Push button "9".

c. Enter a six digits number dddttt in the range of 001001 – 040020. The first 3 digits is for Time Delay and the second 3 digits is for Time Window. The maximum Time Delay is forty (40) minutes, and the maximum Time Window is twenty (20) minutes. For example, to set fifteen (15) minutes Time Delay and three (3) minutes Time Window, enter 015003.

OPERATE LOCK WITHOUT TIME DELAY & TIME WINDOW

1. Single User Mode

a. Enter user or manager code.

b. The lock signals One Beep and opens.

2. Dual User Mode

a. Enter user and manager / manager and user codes.

b. The lock signals One Beep and opens.

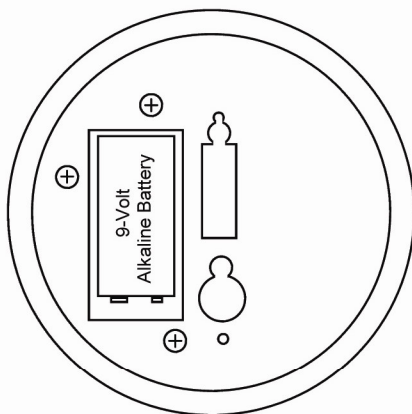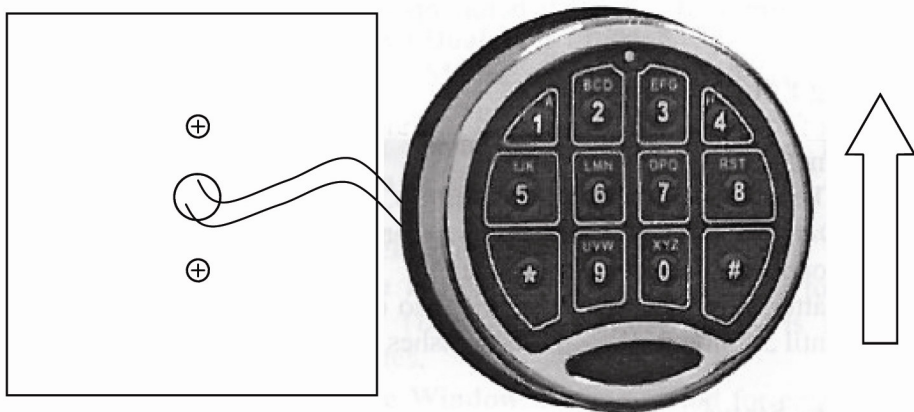# OPERATE LOCK WITH TIME DELAY & TIME WINDOW

1. **Single User Mode**
   a. Enter user or manager code. One Beep and then Four Beeps sound, which indicates the lock goes into Time Delay period.
   b. The lock signals One Beep every ten (10) seconds and then Four Beeps at the end of Time Delay period to start Time Window period.
   c. Re-enter user or manager code to unlock.
2. **Dual User Mode**
   a. Enter user and manager / manager and user codes. One Beep and then Four Beeps sound, which indicates the lock goes into Time Delay period.
   b. The lock signals One Beep every ten (10) seconds and then Four Beeps at the end of Time Delay period to start Time Window period.
   c. Re-enter user and manager /manager and user codes to unlock.

CHANGING YOUR BATTERY

1. Slide the keypad housing up and carefully pull away from mounting surface to gain access to the battery compartment.
2. Remove 9-Volt Alkaline battery and replace with new one.
3. CAUTION: Hold onto the keypad housing and battery terminal to avoid pulling wires out of housing.
4. Carefully position the keypad over the mounting screws and slide the keypad housing down. Ensure that there are no wires or cables trapped between the input pad and the safe door. Pinched cables can result in a short circuit.

TROUBLE SHOOTING

If you have any issues with your electronic lock:

- Please make sure the connection from the wire to the keypad is secure.
- Please replace the 9-Volt battery with a new one.
- If you still have issues, please contact Mesa Safe Company Tech Support at 800-490-5624 or 714-891-8356 (Mon.-Fri. 8:00am - 5:00pm PST).

Specifications:

Power Supply:	DC 9V
Power Supply Range:	DC 4.5V-12V
Standby Current :	<15μA
Active Current:	<20mA
Battery Low Voltage:	5.2±0.2V
Working Temperature:	-25℃~+60℃
Working Humidity:	<95%
Storage Temperature:	-45℃~+85℃
Password Length:	6 Digits

Mechanical System Life Span: >100,000 Cycles

Model: ECSL-0601A-D

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SecuRam Systems Inc. U.S.A.